

A3  
Sub B2

mapping [the] a trimming curve on a trimming texture to create a trimmed section and a rendered section;  
[obtaining a plurality of polygons approximating the parametric surface;] and rendering the parametric surface based on an application of the trimming texture to [the polygons] a plurality of polygons approximating the parametric surface.

Sub D1

10. The method of claim 9, comprising:  
[obtaining a material texture for the parametric surface; and]  
applying [the] a material texture to a region of the parametric surface corresponding to the rendered section of the trimming texture.

A3  
cont.

11. An article comprising a computer-readable medium that stores instructions for use in trimming a parametric surface, the instructions for causing the computer to:

Sub B3

[obtain a trimming texture based on a trimming curve for the parametric surface; and]  
apply [the] a trimming texture based on a trimming curve for the parametric surface to the parametric surface.

Sub D1  
A4

16. The article of claim 12, further comprising instructions for causing the computer to:

[obtain a material texture; and]  
draw [the] a material texture on the parametric surface based on the trimming texture.

18. An article comprising a computer-readable medium that stores instructions for use in trimming a parametric surface, the instruction for causing the computer to:

[obtain the parametric surface;

obtain a trimming curve for the parametric surface;]

map [the] a trimming curve on a trimming texture to create a trimmed section and a rendered section;

[obtain a plurality of polygons approximating the parametric surface;] and

render the parametric surface based on an application of the trimming texture to [the polygons] a plurality of polygons approximating the parametric surface.

~~A5~~  
SUB  
B1

19. The article of claim 18, further comprising instructions for causing the computer to:

[obtain a material texture for the parametric surface; and]

apply [the] a material texture to a region of the parametric surface corresponding to the rendered section of the trimming texture.

SUB  
D1

20. An apparatus for use in trimming a parametric surface, comprising:  
a memory which stores computer instructions; and  
a processor that executes the computer instructions to:

[obtain a trimming texture based on a trimming curve for the parametric surface; and]

apply [the] a trimming texture based on a trimming curve for the parametric surface to the parametric surface.

SUB  
B5

AG  
Sub  
B6

25. The apparatus of claim 21, further comprising instructions for causing the computer to;  
[obtain a material texture; and]  
draw [the] a material texture on the parametric surface based on the trimming texture.

AG  
Sub  
B7

27. An apparatus comprising a computer-readable medium that stores instructions for use in trimming a parametric surface, the instruction for causing the computer to:  
[obtain the parametric surface;  
obtain a trimming curve for the parametric surface;]  
map [the] a trimming curve on a trimming texture to create a trimmed section and a rendered section;  
[obtain a plurality of polygons approximating the parametric surface;] and  
render the parametric surface based on an application of the trimming texture to [the polygons] a plurality of polygons approximating the parametric surface.

AG  
Sub  
D1

28. The apparatus of claim 27, further comprising instructions for causing the computer to:  
[obtain a material texture for the parametric surface; and]  
apply [the] a material texture to a region of the parametric surface corresponding to the rendered section of the trimming texture.